

AMENDMENTS TO THE SPECIFICATION

Applicants request replacement of the paragraph beginning on Amended Sheet Page 21, line 17 and ending on Amended Sheet Page 21a, line 16, with the following paragraph:

Multiplexed single nucleotide primer extension is performed using the following 5' tagged extension primers:

RHD Exon 4 **GTGATTCTGTACGTGTCGCC**GTCTGATCTTTATCCTCCGTTCCCT
(SEQ ID NO: 25)

RHD Exon 9 **GCGGTAGGTTCCTGACATAT**TTTAAACAGGTTTGCTCCTAAATCT
(SEQ ID NO: 26)

RHCE Exon 2 **GGATGGCGTTCCGTCCTATT**GGACGGCTTCCTGAGCCAGTTCCT
(SEQ ID NO: 27)

RHCE Exon 5 **CGACTGTAGGTGCGTAACTC**GATGTTCTGGCCAAGTGTCAACTCT
(SEQ ID NO: 28)

GYPB Exon 4 **AGGGTCTCTACGCTGACGAT**TTGAAATTTTGCTTTATAGGAGAAA
(SEQ ID NO: 29)

KEL Exon 6 **AGCGATCTGCGAGACCGTAT**TGGACTTCCTTAAACTTTAACCGAA
(SEQ ID NO: 30)

KEL Exon 8 **AGATAGAGTCGATGCCAGCT**TTCTTGTCATCTCCATCACTTCA
(SEQ ID NO: 31)

FY Promoter **GACCTGGGTGTCGATACCTA**GGCCCTCATTAGTCCTTGGCTCTTA
(SEQ ID NO: 32)

FY Exon 2 **ACGCACGTCCACGGTGATTT**GGGGGCAGCTGCTTCCAGGTTGGCA
(SEQ ID NO: 33)

JK Exon 9 **CGTGCCGCTCGTGATAGAAT**AAACCCCAGAGTCCAAAGTAGATGT
(SEQ ID NO: 34)

DI Exon 19 **GGCTATGATTGCAATGCTT**GTGCTGTGGTGGTGAAGTCCACGC
(SEQ ID NO: 35)

GP3A Exon 3 **AGAGCGAGTGACGCATAC**TTGGGCTCCTGTCTTACAXGCCCTGCCTC
(SEQ ID NO: 36)

GP3A Exon 3 GCCCTGCCTC
(SEQ ID NO: 37)

The above probes may be referred to herein as SEQ ID NOs 25-~~[[36]]~~37. The DNA bases are represented by their single letter equivalents (A,C,G or T) and ~~the letter X~~ represents SEQ ID NOs: 36 and 37 are joined together by a C3 (phosphoramidite) spacer between the two adjacent DNA bases sequences.